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RAW SEQUENCE LISTING

DATE: 09/17/2004

PATENT APPLICATION: US/10/691,654

TIME: 11:41:20

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Output Set: N:\CRF4\09172004\J691654.raw

1 <110> APPLICANT: Shionogi & Co., Ltd.
 2 Maeda, Tomoko
 3 Ochi, Takahiro
 4 Suzuki, Ryuji
 5 <120> TITLE OF INVENTION: METHODS FOR ISOLATION OF OSTEOCLAST PRECURSOR CELLS
 6 AND INDUCING THEIR
 7 DIFFERENTIATION INTO OSTEOCLASTS
 8 <130> FILE REFERENCE: 197679US0PCT
 9 <140> CURRENT APPLICATION NUMBER: US/10/691,654
 10 <141> CURRENT FILING DATE: 2003-10-24
 11 <150> PRIOR APPLICATION NUMBER: US/09/646,899
 12 <151> PRIOR FILING DATE: 2000-10-10
 13 <150> PRIOR APPLICATION NUMBER: JAPAN 95962/1998
 14 <151> PRIOR FILING DATE: 1998-04-08
 15 <150> PRIOR APPLICATION NUMBER: JAPAN 170407/1998
 16 <151> PRIOR FILING DATE: 1998-06-18
 17 <160> NUMBER OF SEQ ID NOS: 2
 18 <170> SOFTWARE: PatentIn version 3.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 467
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 24 <220> FEATURE:
 25 <221> NAME/KEY: CDS
 26 <222> LOCATION: (28)..(309)
 27 <223> OTHER INFORMATION:

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 30 Met Met Gly Leu Ser Leu Ala Ser Ala
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 32 gtg ctc ctg gcc tcc ctc ctg agt ctc cac ctt gga act gcc aca cgt 102
 33 Val Leu Leu Ala Ser Leu Leu Ser Leu His Leu Gly Thr Ala Thr Arg
 34 10 15 20 25
 35 ggg agt gac ata tcc aag acc tgc tgc ttc caa tac agc cac aag ccc 150
 36 Gly Ser Asp Ile Ser Lys Thr Cys Cys Phe Gln Tyr Ser His Lys Pro
 37 30 35 40
 38 ctt ccc tgg acc tgg gtg cga agc tat gaa ttc acc agt aac agc tgc 198
 39 Leu Pro Trp Thr Trp Val Arg Ser Tyr Glu Phe Thr Ser Asn Ser Cys
 40 45 50 55
 41 tcc cag cgg gct gtg ata ttc act acc aaa aga ggc aag aaa gtc tgt 246
 42 Ser Gln Arg Ala Val Ile Phe Thr Thr Lys Arg Gly Lys Lys Val Cys
 43 60 65 70
 44 acc cat cca agg aaa aaa tgg gtg caa aaa tac att tct tta ctg aaa 294

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46          75                      80                      85
47      act ccg aaa caa ttg tgactcagct gaattgtcat ccgaggacgc ttggaccccg      349
48      Thr Pro Lys Gln Leu
49          90
50      ctcttggtctc tgcagccctc tggggagcct gcggaatctt ttctgaaggc tacatggacc      409
51      cgctgggggag gagaggggtgt ttcctcccag agttacttta ataaagggtg ttcatagt      467
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54 <211> LENGTH: 94
55 <212> TYPE: PRT
56 <213> ORGANISM: Homo sapiens
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62      Cys Cys Phe Gln Tyr Ser His Lys Pro Leu Pro Trp Thr Trp Val Arg
63          35                      40                      45
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68      Val Gln Lys Tyr Ile Ser Leu Leu Lys Thr Pro Lys Gln Leu
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/691,654

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